

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	785	(68/13R).CCLS.	USPAT; USOCR	OR	OFF	2007/02/05 12:12
L2	1356	(68/13R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 12:12
L3	72	((spin\$4 or rotat\$4 or revolv\$3) with (dispens\$4 or nozzle or outlet or spray\$3)) and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 12:13
S1	1	("6923617").PN.	USPAT; USOCR	OR	OFF	2007/02/02 11:03
S2	4	("3147909"   "4679983"   "4728260").PN. OR ("6923617").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 13:58
S3	1	("20040244437").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 14:06
S4	949	(hydraulic adj distribut\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:37
S6	356	(68/12.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 15:34
S7	266	(hydraulic adj distribut\$3) and inlet and outlet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:37
S8	90	(hydraulic adj distribut\$3) and inlet and outlet and (rota\$4 with valve)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:39
S9	234	(hydraulic adj distribut\$3) and (rota\$4 with valve)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:39
S10	55	(hydraulic adj distribut\$3) and (rota\$4 with valve) and (flexible or flap)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:41

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S11	1290	((liquid or water or fluid or hydraulic) adj distribut\$3) and (rota\$4 with valve) and (flexible or flap)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:41
S12	1599	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (flexible or flap)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:42
S13	130	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (flexible or flap) and (dishwash\$3 or ((wash\$4 or laundry) with machine))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:44
S14	266	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (dishwash\$3 or ((wash\$4 or laundry) with machine))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 15:44
S15	17	("1044479"   "2612341"   "3542072"   "3567076"   "3952556"   "4009598"   "4043158"   "4111011"   "4203307"   "4429717"   "4960139"   "5014211"   "5082022"   "5584327").PN. OR ("5791168").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 15:50
S16	12	("1904428"   "2540431"   "2643537"   "3333739").PN. OR ("3567076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 15:52
S17	1	("5791168").PN.	USPAT; USOCR	OR	OFF	2007/02/02 17:25
S18	0	("5791168").URPN.	USPAT	OR	OFF	2007/02/02 17:25
S19	0	("5791168").URPN.	USPAT	OR	OFF	2007/02/02 17:27
S20	3138	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (shaft or axle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:28
S21	928	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (shaft or axle) and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:28
S22	77	((liquid or water or fluid or hydraulic) adj (divert\$3 or distribut\$3)) and (rota\$4 with valve) and (shaft or axle) and nozzle and (wash\$3 with machine)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:33

## EAST Search History

S23	2547	((liquid or water or fluid or hydraulic) adj distribut\$3) and (rota\$4 with valve) and (shaft or axle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:33
S24	349	((liquid or water or fluid or hydraulic) adj distribut\$3) and (rota\$4 with valve) and (shaft or axle) and (distribut\$3 with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:36
S25	15	(hydraulic adj distribut\$3) and (rota\$4 with valve) and (shaft or axle) and (distribut\$3 with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/02 17:35
S26	254	(68/12.18).CCLS.	USPAT; USOCR	OR	OFF	2007/02/02 18:02
S27	6501	(revolv\$3 or rotat\$4) with (dispens\$4 or nozzle or outlet) same (additive or detergent or aid) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 08:57
S28	297	((revolv\$3 or rotat\$4) near3(dispens\$4 or nozzle or outlet)) with (additive or detergent or aid) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 09:02
S29	297	((revolv\$3 or rotat\$4) near3(dispens\$4 or nozzle or outlet)) with (additive or detergent or aid) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 08:58
S30	151	((revolv\$3 or rotat\$4) near3(dispens\$4 or nozzle)) with (additive or detergent or aid) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 09:03
S31	141	((revolv\$3 or rotat\$4) near3(dispens\$4 or nozzle)) with (additive or detergent)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 09:30
S32	14	("2542431"   "2546317"   "2857202"   "3199957"   "3303675"   "4154258"   "4462967"   "4671311").PN. OR ("5685178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 09:06
S33	12	("3565291"   "4009801"   "4355738"   "4794750").PN. OR ("5310090").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 09:09

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S34	29	("20020008121"   "2477998"   "2584781"   "2865537"   "2944707"   "3013698"   "3263866"   "4032050"   "4161265"   "4243158"   "4832235"   "4893737"   "4964185"   "5007559"   "5106239"   "5310090"   "5469992"   "5495962"   "5829085"   "5997220"   "6179167"   "6283339"   "6550640").PN. OR ("7090098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 09:27
S35	2	("2838002").PN.	USPAT; USOCR	OR	OFF	2007/02/05 09:27
S36	6	("2838002").URPN.	USPAT	OR	OFF	2007/02/05 09:28
S37	2	("2883843").PN.	USPAT; USOCR	OR	OFF	2007/02/05 09:29
S38	7	("2883843").URPN.	USPAT	OR	OFF	2007/02/05 09:29
S39	28649	((revolv\$3 or rotat\$4) near3 (dispens\$4 or spray or jet))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 09:30
S40	509	((revolv\$3 or rotat\$4) near3 (dispens\$4 or spray or jet)) with compartment	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 09:36
S41	1	("3567076").PN.	USPAT; USOCR	OR	OFF	2007/02/05 09:36
S42	12	("1904428"   "2540431"   "2643537"   "3333739").PN. OR ("3567076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 09:36
S43	2	("2643537").URPN.	USPAT	OR	OFF	2007/02/05 09:44
S44	455	(222/144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 09:48
S45	256	(222/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 09:59
S46	827	(222/494).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 10:01

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S47	289	(222/411).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 10:03
S48	1253	(222/410).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/05 10:07
S49	38160	(revolv\$3 or rotat\$4) with (spray\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:07
S50	14256	(revolv\$3 or rotat\$4) near3 (spray\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:08
S51	2162	(revolv\$3 or rotat\$4) near3 (spray\$3) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:08
S52	2162	((revolv\$3 or rotat\$4) near3 (spray\$3)) same (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:08
S53	931	((revolv\$3 or rotat\$4) near3 (spray\$3)) same (axle or shaft) and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:11
S54	271	((revolv\$3 or rotat\$4) near3 (spray\$3)) same (axle or shaft) and pump and ("134".clas. or "68".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:14
S55	1	("4509687").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:14
S56	12	("4509687").URPN.	USPAT	OR	OFF	2007/02/05 10:14
S57	12	("4509687").URPN.	USPAT	OR	OFF	2007/02/05 10:14
S58	12	("4509687").URPN.	USPAT	OR	OFF	2007/02/05 10:30
S59	9949	(revolv\$3 or rotat\$4) adj (nozzle or spray\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:31
S60	3042	((revolv\$3 or rotat\$4) adj (nozzle or spray\$3)) and inlet and outlet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:31

## EAST Search History

S61	4130	((revolv\$3 or rotat\$4) adj (nozzle or spray\$3)) and inlet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:31
S62	343	((revolv\$3 or rotat\$4) adj (nozzle or spray\$3)) and inlet and detergent	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:35
S63	202	((revolv\$3 or rotat\$4) adj (nozzle or spray\$3)) and inlet and detergent and (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:37
S64	438	((distribution) adj (nozzle or spray\$3)) and inlet and (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:37
S65	263	((distribution) adj (nozzle)) and inlet and (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/05 10:40
S66	0	("20050173559").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:40
S67	1	("20050173559").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:41
S68	1	("7032837").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:41
S69	1	("4821961").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:41
S70	2	("2830739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:42
S71	3401	motor with driv\$2 with nozzle	USPAT	OR	OFF	2007/02/05 10:42
S72	1272	motor with driv\$2 with nozzle with (revolv\$3 or rotat\$4)	USPAT	OR	ON	2007/02/05 10:42
S73	1272	(motor with driv\$2 with nozzle) with (revolv\$3 or rotat\$4)	USPAT	OR	ON	2007/02/05 10:42
S74	3332	(motor with driv\$2 with nozzle) with (revolv\$3 or rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 10:43

## EAST Search History

S75	1246	(motor with driv\$2 with nozzle) with (revolv\$3 or rotat\$4) same (water or liquid or fluid or detergent or additive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 10:44
S76	2	("2830739").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:44
S77	2	("2998166").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:44
S78	2	("1941786").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:44
S79	825	(motor with driv\$2 with nozzle) with (revolv\$3 or rotat\$4) same (water or liquid or fluid or detergent or additive) and (axle or shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 10:59
S80	1	("4397879").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:45
S81	1	("5392968").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:45
S82	1	("6250506").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:45
S83	1	("4615488").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:46
S84	1	("6250506").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:46
S85	0	("67032837").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:46
S86	1	("7032837").PN.	USPAT; USOCR	OR	OFF	2007/02/05 10:46
S87	12	("2875553"   "3481346"   "4651925"   "4744517"   "4821961"   "4895307"   "5439139"   "5730325"   "6059202"   "6138871").PN. OR ("7032837").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:46
S88	490	(motor with driv\$2 with nozzle) with (revolv\$3 or rotat\$4) same (water or liquid or fluid or detergent or additive) and (axle or shaft) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 10:50
S89	16	("3372371"   "3893481"   "3941154"   "4177927"   "4479512"   "4580602"   "4967796").PN. OR ("RE35866").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:52

## EAST Search History

S90	25	("3645451"   "3716192"   "3924809"   "3955764"   "4091997"   "4272024"   "4417691"   "4434937"   "4537356"   "4568024"   "4595141"   "4650118"   "4681259"   "4840312"   "4867378"   "4901924"   "4948052"   "4955542"   "4972993"   "5086977"   "5104045"   "5115977"   "5141157"   "5299742").PN. OR ("5758827").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 10:53
S91	5204	(spinning adj nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 10:59
S92	395	(spinning adj nozzle) with water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 11:02
S93	24	("1950712"   "2108787"   "2865672"   "2985384"   "3052574"   "3409030"   "3529611"   "3593730"   "4440345"   "4801090").PN. OR ("5020556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 11:01
S94	17	(spinning adj nozzle) and (inlet with rotat\$4 or revolv\$3) with water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 11:06
S95	24	("3091400"   "3094254"   "4022242"   "4073438"   "4117979"   "4802628"   "5108035"   "5294054"   "5372307"   "5381960"   "5439174"   "5588595"   "5671885"   "5671886"   "5704547"   "5722592"   "5950927"   "5971297"   "6092739"   "6199771"   "6214224").PN. OR ("6719218"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 11:04
S96	25	(spinning adj (dispens\$4 or nozzle or outlet or spray\$3)) and (inlet with rotat\$4 or revolv\$3) with water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 11:10



## EAST Search History

S97	668	((spin\$4 or rotat\$4 or revolv\$3) adj (dispens\$4 or nozzle or outlet or spray\$3)) and (inlet with (spin\$4 or rotat\$4 or revolv\$3)) with water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 12:13
S98	3405	((spin\$4 or rotat\$4 or revolv\$3) adj (dispens\$4 or nozzle or outlet or spray\$3)) and (inlet with (spin\$4 or rotat\$4 or revolv\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 11:11
S99	0	("20040244437").PN.	USPAT; USOCR	OR	OFF	2007/02/05 11:38
S10 0	1	("20040244437").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 11:38